

**ENGINEERING CHANGE NOTICE**  
**DART AEROSPACE LTD**

Date: 19.11.14	Job No.: RD19-646-01	ADR Yes/No: N	ADR Date:	ECN #:	19- 902
Product No.: D119-646		Created By: NO	Approved By: <i>JP</i>		
Product Name: 119 Skidtubes		Checked By: <i>mg</i>			

**Reason for Change:**

RELEASE DSI 9828 TO INFORM CUSTOMERS OF NEW W&B DATA FOR 119 RUN ON LANDING SKIDTUBES

**Documents Released:**

DSI 9828 REV A

IF APPLICABLE: NCR: N/A PAR: N/A CAR: N/A CIR: N/A URF: 19-902

PAPERWORK UPDATE  PARTS MUST COMPLY  PREVIOUS PARTS SATISFACTORY

#	Quality Assurance / Customer Support Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Airbus	N			
3	Notify Leonardo	N			
4	Manufacturing Licensing Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	N			
6	Update Master Document List (MDL)	Y	MG	MDL-D119-646 REV N	<i>mg, 19.11.20</i>
7	Update Document Record (DR)	N			
8	Update Product Compatatability Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	Y	DS	SUBMIT DOCS TO FAA	<i>mg for 18/12/04</i>
10					

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	Y	MG		<i>mg, 19.11.20</i>
12	Update Product Specification Files (Bluefiles)	Y	MG		<i>mg, 19.11.20</i>
13	Update Approved/Preliminary Dwg PDF Files	N	mg		<i>mg, 19.11.20</i>
14	Update Product Development Summary (STC applications)	N			
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	N			
17	Update / Verify Authorized Release Certificate Database	N			
18	Create / Update Change Record Form / Item Card Database	N			
19	Create / Update Packaging Process Plan (PPP)	N			
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Qpulse) Database	N			
22	Update Grey Project Binder / Electronic Project Folder	Y	MG		<i>mg, 19.11.20</i>
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	Y	MG		<i>mg, 19.11.20</i>
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

**Description / Action:**

RELEASE DSI 9828 AT REV A  
CLEAR URF 19-902 WITH THIS RELEASE

ECN Verified & Complete: *JP*

Date: *20/7/13*

## **Michelle GagnonDonovan**

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**From:** Purchasing <Purchasing@atgindustries.com>  
**Sent:** Wednesday, December 4, 2019 1:13 PM  
**To:** Michelle GagnonDonovan  
**Subject:** RE: Missing Drawings

Thank you.

Can you also send me 647.1510 Rev E. I have Rev D

*Lynne*

Lynne Lanthier  
Purchasing Officer  
A.T.G Industries Inc.  
760, Industrielle Street  
Rockland, ON K4K 1T2  
P (613) 446-4544 Ext 214 F (613) 446-4556  
E-mail: [Lynne@atgindustries.com](mailto:Lynne@atgindustries.com) ; purchasing@atgindustries.com

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**We've Relocated to 760 Industrielle Street! Please update the new address in your accounting system.**

**From:** Michelle GagnonDonovan <[mgagnondonovan@dartaero.com](mailto:mgagnondonovan@dartaero.com)>  
**Sent:** December 4, 2019 1:06 PM  
**To:** Purchasing <Purchasing@atgindustries.com>  
**Cc:** Marc-Andre Lalande <[Marc-Andre@atgindustries.com](mailto:Marc-Andre@atgindustries.com)>  
**Subject:** RE: Missing Drawings

Hello Lynne,

Here are the requested drawings.

Thanks,

**Michelle Gagnon-Donovan**  
*Document Controller*

**DART AEROSPACE**  
T 1 613 632-5300 > 251



**From:** Purchasing <[Purchasing@atgindustries.com](mailto:Purchasing@atgindustries.com)>  
**Sent:** Wednesday, December 4, 2019 12:53 PM  
**To:** Michelle GagnonDonovan <[mgagnondonovan@dartaero.com](mailto:mgagnondonovan@dartaero.com)>  
**Cc:** Marc-Andre Lalande <[Marc-Andre@atgindustries.com](mailto:Marc-Andre@atgindustries.com)>  
**Subject:** Missing Drawings

Good afternoon Michelle,

Can you please provide us with the following ASAP:

RBW109-3501-04-3, Rev A  
647.3917, Rev C2

Thanks and have a great day!

*Lynne*

Lynne Lanthier  
Purchasing Officer  
A.T.G Industries Inc.  
760, Industrielle Street  
Rockland, ON K4K 1T2  
P (613) 446-4544 Ext 214 F (613) 446-4556  
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## **Michelle GagnonDonovan**

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**From:** Nazim Ould-Brahim  
**Sent:** Wednesday, December 4, 2019 1:29 PM  
**To:** Michelle GagnonDonovan  
**Subject:** FW: Updates to SR02024SE for D119-646 Skidtubes  
**Attachments:** Re: Updates to SR02024SE for D119-646 Skidtubes; FW: Updates to SR02024SE for D119-646 Skidtubes; Updates to SR02024SE for D119-646 Skidtubes

E-mail exchange showing the FAA project for ECN 19-902 was initiated with the FAA and the data is approved by the DER. I've included all the e-mails that contain attachments.

**From:** David Shepherd <dshepherd@dartaero.com>  
**Sent:** Thursday, November 21, 2019 8:00 AM  
**To:** Jeremy McClenahan <jmcclenahan@sbcglobal.net>  
**Cc:** Nazim Ould-Brahim <nouldbrahim@dartaero.com>; Michael Lee <mlee1@dartaero.com>  
**Subject:** RE: Updates to SR02024SE for D119-646 Skidtubes

Thanks Jeremy ... 8110-3 looks good ... Please go ahead and Fedex me the original.

Regards,  
David

**From:** Jeremy McClenahan <jmcclenahan@sbcglobal.net>  
**Sent:** November 20, 2019 3:30 PM  
**To:** David Shepherd <dshepherd@dartaero.com>  
**Cc:** Nazim Ould-Brahim <nouldbrahim@dartaero.com>; Michael Lee <mlee1@dartaero.com>  
**Subject:** Re: Updates to SR02024SE for D119-646 Skidtubes

David,

Here is the 8110-3 for the minor change to the D119-646 Skidtubes, Rev N of the MDL.

Jeremy McClenahan  
(775) 425-2945

**From:** David Shepherd  
**Sent:** Monday, November 11, 2019 9:53 AM  
**To:** Jeremy McClenahan  
**Cc:** Nazim Ould-Brahim ; Michael Lee  
**Subject:** FW: Updates to SR02024SE for D119-646 Skidtubes

Hi Jeremy,

Please see below and attached. Would appreciate if you could review and provide us with an 8110-3.

Regards,  
David

**From:** Bonar, Christopher (FAA) <[christopher.bonar@faa.gov](mailto:christopher.bonar@faa.gov)>  
**Sent:** November 2, 2019 7:21 AM  
**To:** David Shepherd <[dshepherd@dartaero.com](mailto:dshepherd@dartaero.com)>  
**Cc:** Michael Lee <[mlee1@dartaero.com](mailto:mlee1@dartaero.com)>; Nazim Ould-Brahim <[nouldbrahim@dartaero.com](mailto:nouldbrahim@dartaero.com)>  
**Subject:** RE: Updates to SR02024SE for D119-646 Skidtubes

David,

I have reviewed the data and consider this a minor change. Please submit to our office for acceptance with an 8110-3 approval from DER Jeremy McClenahan.

Thanks,  
Chris

**Chris Bonar**  
Aviation Safety  
ASE, Airframe Section, AIR-782, Seattle ACO Branch  
2200 S 216th Street, Des Moines, WA 98198  
(O) 206-231-3521

**From:** David Shepherd <[dshepherd@dartaero.com](mailto:dshepherd@dartaero.com)>  
**Sent:** Friday, November 1, 2019 3:45 PM  
**To:** Bonar, Christopher (FAA) <[christopher.bonar@faa.gov](mailto:christopher.bonar@faa.gov)>  
**Cc:** Michael Lee <[mlee1@dartaero.com](mailto:mlee1@dartaero.com)>; Nazim Ould-Brahim <[nouldbrahim@dartaero.com](mailto:nouldbrahim@dartaero.com)>  
**Subject:** Updates to SR02024SE for D119-646 Skidtubes

Chris,

Please find attached what I would consider to be a series of minor changes to the D119-646 Skidtube Kits that are approved per SR02024SE:

- 1) Drawings D3849 and D3901 have been updated to improve the wear resistance of the wearplates that are installed on the Dart D119-646-211/-212 Standard Skidtubes with Training Wearplates and D119-646-213/-214 Float Skidtubes with Training Wearplates based on feedback from the customers
- 2) Dart Service Instruction DSI 9828 Rev A was created to communicate the change to customers and to alert them to the small weight increase associated with the improved training wearplates

In support of these changes, we are providing advanced copies of the following documentation for your review:

- 1) Master Document List MDL-D119-646 Rev N
- 2) Dart Service Instruction DSI 9828 Rev A
- 3) Drawing D3849 Rev G
- 4) Drawing D3901 Rev G

Please confirm that the changes are minor so that I can submit the updated data package to your office for acceptance. Alternatively, if you would like me to provide the updated data to Jeremy McClenahan so that he can review and issue an 8110-3, I can do that.

Regards,  
David

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